ASH GROVE CEMENT COMPANY

WESTERN REGION 230 CEMENT ROAD INKOM, IDAHO 83245-1543 PHONE 208 / 775-3351 FAX 208 / 775-3509

RECEIVED

AUG 27 2007

Department of Environmental Quality State Air Program

August 24, 2007

Certified Mail - Return Receipt Requested: 7003 3110 0005 1151 2453

Mr. Bill Rogers Idaho Department of Environmental Quality 1410 N. Hilton Boise ID 83706-1255

RE:

Clinker Import Increase Permit to Construct Application

Ash Grove Cement Company, Inkom, Idaho

Dear Mr. Rogers:

Please find enclosed a Permit to Construct application for a clinker import increase to be located at the Ash Grove Cement Company facility located in Inkom, Idaho. Ash Grove Cement would appreciate the State processing this application as rapidly as possible.

Also enclosed is a check in the amount of one thousand dollars (\$1,000) for the air permit fee.

If you have any questions about this application, please feel free to call me at (208)-775-3351, ext. 12 or Kelly Packard at (208)-775-3351, ext. 36.

Sincerely,

Ron Smith

R Smill

Plant Manager - Inkom

FEES RECEIVED FROM FACILITY

Date Stamp (date red	ceived in PO)
RECE	EIVED
AUG 2	7 2007
Department of En State Ai	vironmental Quality r Program
Facility Name	ASH GROVE
Facility Location	INKOM
Fee Type (PTC Application, PTC Processing, T2 Processing)	PIC APPLICATION
Check Number	2319
Check Date	8/24/07

Check Amount



ASH GROVE CEMENT COMPANY

August 24, 2007

Mr. Michael Simon

WESTERN REGION 230 CEMENT ROAD INKOM, IDAHO 83245-1543 PHONE 208 / 775-3351 FAX 208 / 775-3509

RECEIVED

AUG 27 2007

Department of Environmental Quality State Air Program

Manager, Stationary Source Division Department of Environmental Quality 1410 N. Hilton Boise ID 83706-1255

Subject:

Permit to Construct Application

Clinker Import Increase

Inkom, Idaho

Dear Mr. Simon:

Ash Grove Cement Company (Ash Grove) owns and operates a Portland cement manufacturing facility in Inkom, Idaho. The Inkom facility is governed by a Tier I air operating permit that will expire on December 17, 2007; a Tier I renewal application was submitted in June and is currently being reviewed.

The Tier I permit incorporates conditions established in a 2005 Permit to Construct (PTC # P-050314) that authorized construction and operation of a belly-dump clinker unloading station to facilitate importing of clinker from other cement plants. Ash Grove is proposing 1) to remove the limit on the quantity of imported clinker that can be unloaded annually and 2) to install a conveyor to transfer clinker from bucket elevator #2 to the clinker stacking belt. Ash Grove is not seeking to increase the amount of clinker processed into cement, but is seeking the flexibility to 1) make the clinker on-site; 2) import the clinker; or 3) some combination of the two. The new conveyor will allow imported clinker to be diverted to the clinker storage shed rather than being limited to only the clinker silos. Emissions from clinker handling will be inherently controlled by the annual limit of 394,106 tons per year of Portland cement the plant is currently permitted to manufacture. Ash Grove is not requesting to change this limit.

The purpose of this letter is to request the removal of the limit on imported clinker and address the range of air quality regulatory programs that require consideration when a change in operation of an emission unit is contemplated. Standard Permit to Construct forms supporting this request are being submitted electronically.

What is Ash Grove proposing?

Ash Grove is proposing an alternative operating scenario for manufacturing Portland cement. PTC # P-050314 allows the import of 55,000 tons per year of clinker. Combined with the maximum clinker production limits on the kilns, which totals 304,848 tons per year, the plant can manufacture a total of 394,106 tons Portland cement. Ash Grove proposes to maintain the 394,106 ton per year limit on Portland cement but requests that the clinker used in the

¹ Gypsum and limestone are added to the clinker in the grinding operation to make up the difference between 360,000 tons of clinker and 394,106 tons of cement.

Mr. Michael Simon Idaho Department of Environmental Quality August 17, 2007 Page 2

manufacture of the cement be either imported, produced by the kilns, or a combination of the two. The only current destination for imported clinker is storage silos 21, 22, and 23. To expand the clinker storage, Ash Grove proposes to install a conveyor belt to transfer clinker from elevator #2 to the stacking belt which conveys clinker to a stacking pipe in the clinker storage shed.

Will this change increase emissions?

By a substantial margin, the dominant sources of emissions from the Inkom facility are the two kiln stacks. Given the limit on cement production, increasing clinker importation would eventually reduce clinker manufacture on site and reduce the kiln stack emissions. This reduction would far outweigh the modest dust emissions associated with importing clinker. For the sake of this PTC application, however, we consider only the increase in emissions associated with a higher clinker unloading rate, the clinker transfer points, and the emissions associated with an increase in operating time for baghouse #2.

The May 2005 permit application and the Statement of Basis for PTC P-050314 document emission estimates associated with 1) a railcar/truck belly dumping clinker to an underground hopper; 2) a transfer from the underground hopper to a belt conveyor; 3) a transfer from the belt conveyor to the elevator²; and 4) increased hours of operation of an existing baghouse used to control emissions from the clinker silo elevator.

All proposed transfer points for the new belt conveyor are enclosed and Ash Grove assumes 95 percent of the transfer point emissions will be captured and routed to baghouse #2 and five percent fugitive emissions. In order to accommodate the potential increase in clinker unloading, baghouse #2 will need to operate a minimum of 3,600 hours per year (360,000 tons clinker per year divided by 100 tons clinker transferred per hour). The potential emissions for baghouse #2 are based on operating at 8,760 hours per year, although Ash Grove expects to run baghouse #2 for fewer hours than the potential.

The current clinker throughput for the stacking belt, the stacking pipe, and the clinker storage shed is 304,848 tons per year (the production limit of the cement kilns). Annual clinker throughput for the stacking belt, stacking pipe, and the clinker storage shed will be increased 55,000 tons per year to accommodate a total of 360,000 tons of clinker per year. Again, Ash Grove assumes that 95 percent of transfer point emissions from the stacking belt, stacking pipe, and the clinker storage shed are captured and controlled by baghouse #1 and baghouse #3. No changes to the operating hours for baghouses #1 and #3 are required for the proposed clinker unloading increase. Currently, both baghouses #1 and #3 are permitted to operate for more than 3,600 hours per year.

² Emission calculations for the belt conveyor to elevator #2 transfer point included in the May 2005 PTC application are erroneous because the transfer point emissions are controlled by baghouse #2. This application corrects the emission calculation error by including only fugitive emissions calculations for the transfer point. Ash Grove assumes 95 percent of the transfer point emissions will be captured and routed to baghouse #2 and five percent of the transfer point emissions will be fugitive.

Mr. Michael Simon Idaho Department of Environmental Quality August 17, 2007 Page 3

Table 1, attached, identifies emission factors and 1-hour, 24-hour, and annual PM10 emissions associated with the current and proposed clinker throughput rates. There will be no increase in hourly PM10 emission from the facility and only a 2.7 ton increase in annual PM10 emissions from the clinker unloading facility. Table 2 presents the same information for PM emissions. Again, the higher throughput would result in no increase in hourly PM emissions, but annual PM emissions would increase by 3.0 tons.

Note, however, that Ash Grove does not propose to increase the gypsum throughput or the quantity of cement produced and shipped. The proposed increase in the clinker unloading throughput limit simply provides Ash Grove with the flexibility to manufacture or import clinker to meet customer demands for cement. Because cement production is limited by permit and the physical constraints of the clinker unloading system limit short-term throughput, Ash Grove contends that the clinker throughput is inherently limited and that a throughput limit in the PTC or operating permits is unwarranted.

What air quality regulatory programs are relevant to this change?

National Emission Standards for Hazardous Air Pollutants

As confirmed by the Facility's existing Tier I permit, the Inkom facility is an area source of hazardous air pollutants (HAPs). The proposed increase in the throughput limit for the clinker unloading facility will have no direct effect on the facility HAP emissions because the only relevant pollutant is particulate matter. However, to the extent that substantially higher quantities of clinker are imported, the proposed permit change may indirectly reduce HAP emissions by reducing kiln operation.

New Source Performance Standards

The clinker unloading facility is currently subject to NSPS Subpart F. Units are considered "modified" under NSPS regulations when a physical or operational change results in an increase in potential hourly emissions of a pollutant regulated by a given NSPS. The proposed new clinker conveyor belt is considered a modification according to the NSPS definition. The only substantive requirement that applies to the proposed conveyor belt is an opacity limit of 10 percent. The existing clinker handling processes are already subject to these same NSPS requirements.

Prevention of Significant Deterioration

The Inkom plant is a major source of emissions with respect to the PSD program. A physical change or change in the method of operation that results in a significant net increase in emissions requires a PSD permit. As indicated in Tables 1 and 2, the increases in potential PM and PM10 emissions from a higher clinker throughput rate are 3.0 and 2.7 tons per year, respectively. These increases are well below the Significant PM and PM10 Emission Rates of 25 and 15 tons per year, respectively.

Mr. Michael Simon Idaho Department of Environmental Quality August 17, 2007 Page 4

In practice, PSD applicability is determined by comparing a future potential or project actual emissions rate against a baseline actual emission rate. Even if we assume the baseline emissions are zero, the future potential emissions of PM and PM10 (at 3.4 and 3.0 tons per year, respectively) are well below the PSD Significant Emission Rates.

Minor Source Permit to Construct

A PTC is needed because there is an existing PTC limit of 55,000 tons per year and Ash Grove proposes to install a new clinker conveyor. Standard DEQ PTC forms will be submitted electronically. Modeling is not required because there is no increase in hourly emissions and the increase in annual emissions is less than 7 tons.

Table 1 presents potential hourly and daily emissions, which are limited by the 100 ton per hour elevator capacity. Annual emissions are based on the proposed throughput of 360,000 tons of clinker imported per year, but a specific PTC limit is not necessary because downstream limits on cement production limit the quantity of clinker that can be processed.

Tier I Air Operating Permit

The proposed increases in the throughput limit would contravene the throughput limit in the existing Tier I permit. Consequently, Ash Grove requests the use of the significant permit modification procedure to revise the Tier I permit concurrent with the PTC process. Information required for a Significant (Tier I) Permit Modification is included in this application.

In accordance with IDAPA 58.01.01.123 (*Rules for the Control of Air Pollution in Idaho*), I, Ron Smith, certify based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Please feel free to call me at 208.775.3351 ext.12, or our consultant, Eric Hansen, at 425.921.4005 if you have any questions about this application.

Respectfully,

Ash Grove Cement Company

Ron Smith Plant Manager

cc: Kelly Packard – Ash Grove Cement, Inkom

Robert Vantuyl – Ash Grove Cement, Overland Park

Eric Hansen – Geomatrix Consultants, Inc.

Table 1. PM10 Emissions Summary

Current Approved Operatio	ns							
			Ho	ourly	Dail	y	Annı	
	Emission Factor	Ref.	Throughput	Emissions	Throughput	Emissions	Throughput	Emissions
Bellydump to hopper	0.0001 lb/ton	а	100 tons/hr	0.01 lb/hr	500 tons/day	0.05 lb/day	55,000 tons/yr	0.003 tons/yr
Hopper to conveyor 1	0.0011 lb/ton	a	100 tons/hr	0.11 lb/hr	500 tons/day	0.55 lb/day	55,000 tons/yr	0.030 tons/yr
Conveyor 1 to elevator	0.0011 lb/ton	a	100 tons/hr	0.11 lb/hr	500 tons/day	0.55 lb/day	55,000 tons/yr	0.030 tons/yr
Stacker belt to stacker	0.0001 lb/ton	b	100 tons/hr	0.006 lb/hr	2,400 tons/day	0.13 lb/day	304,848 tons/yr	0.008 tons/yr
Stacker to clinker pile	0.0001 lb/ton	b	100 tons/hr	0.006 lb/hr	2,400 tons/day	0.13 lb/day	304,848 tons/yr	0.008 tons/yr
Baghouse #2	0.61 lb/hr	С	1 hr	0.61 lb/hr	5 hours	3.07 lb/day	550 hours	0.169 tons/yr
Total				0.86 lb/hr		4.49 lb/day		0.25 tons/yr
								- Ma
Proposed Operation								
			Hourly		Dail		Ann	
	Emission Factor	Ref.	Throughput	Emissions	Throughput	Emissions	Throughput	Emissions
Bellydump to hopper	0.0001 lb/ton	a	100 tons/hr	0.01 lb/hr	2,400 tons/day	0.24 lb/day	360,000 tons/yr	0.018 tons/yr
Hopper to conveyor 1	0.0011 lb/ton	a	100 tons/hr	0.11 lb/hr	2,400 tons/day	2.64 lb/day	360,000 tons/yr	0.198 tons/yr
Conveyor 1 to elevator	0.0001 lb/ton	b	100 tons/hr	0.01 lb/hr	2,400 tons/day	0.13 lb/day	360,000 tons/yr	0.010 tons/yr
Elevator to conveyor 2	0.0001 lb/ton	b	100 tons/hr	0.01 lb/hr	2,400 tons/day	0.13 lb/day	360,000 tons/yr	0.010 tons/yr
Conveyor 2 to stacker belt	0.0001 lb/ton	b	100 tons/hr	0.01 lb/hr	2,400 tons/day	0.13 lb/day	360,000 tons/yr	0.010 tons/yr
Stacker belt to stacker	0.0001 lb/ton	b	100 tons/hr	0.006 lb/hr	2,400 tons/day	0.13 lb/day	360,000 tons/yr	0.010 tons/yr
Stacker to clinker pile	0.0001 lb/ton	b	100 tons/hr	0.006 lb/hr	2,400 tons/day	0.13 lb/day	360,000 tons/yr	0.010 tons/yr
Baghouse #2	0.61 lb/hr	С	1 hr	0.61 lb/hr	24 hours	14.76 lb/day	8,760 hours	2.693 tons/yr
Total				0.76 lb/hr		18.30 lb/hr		2.96 tons/yr
				1	T 7:1		Λ	1
Increase	T - · · ·	1 5 6		ourly	Dail	7	Ann	Emissions
	Emission Factor	Ref.	Throughput	Emissions	Throughput	Emissions	Throughput 305,000 tons/yr	0.015 tons/yr
Bellydump to hopper	0.0001 lb/ton	a	0 tons/hr	0.00 lb/hr	1,900 tons/day	0.19 lb/day		0.168 tons/yr
Hopper to conveyor 1	0.0011 lb/ton	a	0 tons/hr	0.00 lb/hr	1,900 tons/day	2.09 lb/day	305,000 tons/yr	
Conveyor 1 to elevator	0.0001 lb/ton	b	0 tons/hr	-0.10 lb/hr	1,900 tons/day	-0.42 lb/day	305,000 tons/yr	-0.020 tons/yr
Elevator to conveyor 2	0.0001 lb/ton	b	100 tons/hr	0.01 lb/hr	2,400 tons/day	0.13 lb/day	360,000 tons/yr	0.010 tons/yr
Conveyor 2 to stacker belt	0.0001 lb/ton	b	100 tons/hr	0.01 lb/hr	2,400 tons/day	0.13 lb/day	360,000 tons/yr	0.010 tons/yr
Stacker belt to stacker	0.0001 lb/ton	b	0 tons/hr	0.00 lb/hr	0 tons/day	0.00 lb/day	55,152 tons/yr	0.002 tons/yr
Stacker to clinker pile	0.0001 lb/ton	b	0 tons/hr	0.00 lb/hr	0 tons/day	0.00 lb/day	55,152 tons/yr	0.002 tons/yr
Baghouse #2	0.61 lb/hr	С	0 hr	0.00 lb/hr	19 hours	11.68 lb/day	8,210 hours	2.524 tons/yr
Total				-0.09 lb/hr		13.81 lb/day		2.71 tons/yr

References:

- a AP42 Table 11.19.2-2. Emission Factors for Crushed Stone Processing Operations.
- b AP42 Table 11.19.2-2. Conservatively assume 95 percent of transfer point emissions are captured and routed to a baghouse and five percent fugitive emissions.
- c Baghouse #2 limited to 0.014 grains per dry standard cubic foot.

Table 2. PM Emissions Summary

Current Approved Operatio	ons							
		Ref.	Но	ourly	Dail	y	Annı	ıal
1.1000000000000000000000000000000000000	Emission Factor		Throughput	Emissions	Throughput	Emissions	Throughput	Emissions
Bellydump to hopper	0.0003 lb/ton	a	100 tons/hr	0.03 lb/hr	500 tons/day	0.15 lb/day	55,000 tons/yr	0.008 tons/yr
Hopper to conveyor 1	0.003 lb/ton	a	100 tons/hr	0.30 lb/hr	500 tons/day	1.50 lb/day	55,000 tons/yr	0.083 tons/yr
Conveyor 1 to elevator	0.003 lb/ton	a	100 tons/hr	0.30 lb/hr	500 tons/day	1.50 lb/day	55,000 tons/yr	0.083 tons/yr
Stacker belt to stacker	0.0002 lb/ton	ь	100 tons/hr	0.015 lb/hr	2,400 tons/day	0.36 lb/day	304,848 tons/yr	0.023 tons/yr
Stacker to clinker pile	0.0002 lb/ton	b	100 tons/hr	0.015 lb/hr	2,400 tons/day	0.36 lb/day	304,848 tons/yr	0.023 tons/yr
Baghouse #2	0.61 lb/hr	С	1 hr	0.61 lb/hr	5 hours	3.07 lb/day	550 hours	0.169 tons/yr
Total				1.27 lb/hr		6.94 lb/day		0.39 tons/yr
						·	· · · · · · · · · · · · · · · · · · ·	
Proposed Operation								
		Ref.		ourly	Dail		Ann	A CONTRACTOR OF THE PARTY OF TH
	Emission Factor		Throughput	Emissions	Throughput	Emissions	Throughput	Emissions
Bellydump to hopper	0.0003 lb/ton	a	100 tons/hr	0.03 lb/hr	2,400 tons/day	0.72 lb/day	360,000 tons/yr	0.054 tons/yr
Hopper to conveyor 1	0.003 lb/ton	a	100 tons/hr	0.30 lb/hr	2,400 tons/day	7.20 lb/day	360,000 tons/yr	0.540 tons/yr
Conveyor 1 to elevator	0.0002 lb/ton	b	100 tons/hr	0.02 lb/hr	2,400 tons/day	0.36 lb/day	360,000 tons/yr	0.027 tons/yr
Elevator to conveyor 2	0.0002 lb/ton	b	100 tons/hr	0.02 lb/hr	2,400 tons/day	0.36 lb/day	360,000 tons/yr	0.027 tons/yr
Conveyor 2 to stacker belt	0.0002 lb/ton	b	100 tons/hr	0.02 lb/hr	2,400 tons/day	0.36 lb/day	360,000 tons/yr	0.027 tons/yr
Stacker belt to stacker	0.0002 lb/ton	b	100 tons/hr	0.015 lb/hr	2,400 tons/day	0.36 lb/day	360,000 tons/yr	0.027 tons/yr
Stacker to clinker pile	0.0002 lb/ton	b	100 tons/hr	0.015 lb/hr	2,400 tons/day	0.36 lb/day	360,000 tons/yr	0.027 tons/yr
Baghouse #2	0.61 lb/hr	С	1 hr	0.61 lb/hr	24 hours	14.76 lb/day	8,760 hours	2.693 tons/yr
Total				1.02 lb/hr		24.48 lb/hr		3.42 lb/hr
Increase				ourly	Dail	Į.	Ann	
	Emission Factor	Ref.	Throughput	Emissions	Throughput	Emissions	Throughput	Emissions
Bellydump to hopper	0.0003 lb/ton	a	0 tons/hr	0.00 lb/hr	1,900 tons/day	0.57 lb/day	305,000 tons/yr	0.046 tons/yr
Hopper to conveyor	0.003 lb/ton	a	0 tons/hr	0.00 lb/hr	1,900 tons/day	5.70 lb/day	305,000 tons/yr	0.458 tons/yr
Conveyor 1 to elevator	0.0001 lb/ton	b	0 tons/hr	-0.29 lb/hr	1,900 tons/day	-1.14 lb/day	305,000 tons/yr	-0.056 tons/yr
Elevator to conveyor 2	0.0001 lb/ton	b	100 tons/hr	0.02 lb/hr	2,400 tons/day	0.36 lb/day	360,000 tons/yr	0.027 tons/yr
Conveyor 2 to stacker belt	0.0001 lb/ton	b	100 tons/hr	0.02 lb/hr	2,400 tons/day	0.36 lb/day	360,000 tons/yr	0.027 tons/yr
Stacker belt to stacker	0.0001 lb/ton	b	0 tons/hr	0.00 lb/hr	0 tons/day	0.00 lb/day	55,152 tons/yr	0.004 tons/yr
Stacker to clinker pile	0.0001 lb/ton	b	0 tons/hr	0.00 lb/hr	0 tons/day	0.00 lb/day	55,152 tons/yr	0.004 tons/yr
Baghouse #2	0.61 lb/hr	С	0 hr	0.00 lb/hr	19 hours	11.68 lb/day	8,210 hours	2.524 tons/yr
Total				-0.26 lb/hr		17.53 lb/day		3.03 tons/yr

References:

- a AP42 Table 11.19.2-2. Emission Factors for Crushed Stone Processing Operations.
- b AP42 Table 11.19.2-2. Conservatively assume 95 percent of transfer point emissions are captured and routed to a baghouse and five percent fugitive emissions.
- c Baghouse #2 limited to 0.014 grains per dry standard cubic foot.



PERMIT TO CONSTRUCT APPLICATION

Revision 3 04/03/07

Please see instructions on page 2 before filling out the form.

С	OMPANY	NAME, FACILITY NAME, AND FACILITY ID NUMBE	R									
1. Compan	y Name	Ash Grove Cement Company										
2. Facility	Name	Inkom Facility 3. Facility ID No. 005-0	00004									
4. Brief Pro	oject Descrip nce or less	otion - Increase Clinker Unloading Throughput										
		PERMIT APPLICATION TYPE										
5. New Facility New Source at Existing Facility Unpermitted Existing Source Modify Existing Source: Permit No.: T1-2007.0035 Required by Enforcement Action: Case No.: Unpermitted Existing Source Date Issued: May 25, 2007												
6. Minor PTC Major PTC												
		FORMS INCLUDED										
Included	N/A											
\boxtimes		Form GI – Facility Information										
\boxtimes		Form EU0 – Emissions Units General										
		Form EU1 - Industrial Engine Information Please Specify number of forms attached:										
	\boxtimes	Form EU2 - Nonmetallic Mineral Processing Plants Please Specify number of forms attached:										
	\boxtimes	Form EU3 - Spray Paint Booth Information Please Specify number of forms attached:										
		Form EU4 - Cooling Tower Information Please Specify number of forms attached:										
		Form EU5 – Boiler Information Please Specify number of forms attached:										
		Form HMAP – Hot Mix Asphalt Plant Please Specify number of forms attached:										
	\boxtimes	Form CBP - Concrete Batch Plant Please Specify number of forms attached:										
	\boxtimes	Form BCE - Baghouses Control Equipment										
	\boxtimes	Form SCE - Scrubbers Control Equipment										
\boxtimes		Forms EI-CP1 - EI-CP4 - Emissions Inventory- criteria pollutants (Excel workbook, all 4 worksheets)										
	\boxtimes	PP – Plot Plan										
	\boxtimes	Forms MI1 – MI4 – Modeling (Excel workbook, all 4 worksheets)										
\boxtimes		Form FRA – Federal Regulation Applicability										

DEQ USE ONLY
Date Received
RECEIVED
AUG 2:7 2007
Department of Environmental Quality State Air Program
Project Number
Payment / Fees Included?
Yes ⊠ No □
Check Number
2319



PERMIT TO CONSTRUCT APPLICATION

Revision 3 03/26/07

Please see instructions on page 2 before filling out the form.

All information is required. If information is missing, the application will not be processed.

	IDENTIFICATION
1. Company Name	Ash Grove Cement Company
2. Facility Name (if different than #1)	Inkom Facility
3. Facility I.D. No.	005-00004
4. Brief Project Description:	Increase Clinker Unloading Throughput
	FACILITY INFORMATION
5. Owned/operated by: (√ if applicable)	Federal government County government State government City government
6. Primary Facility Permit Contact Person/Title	Kelly Packard, Plant Engineer/Environmental Manager
7. Telephone Number and Email Address	208.775.3351x36
8. Alternate Facility Contact Person/Title	Ron Smith, Plant Manager
9. Telephone Number and Email Address	208.775.3351x12
10. Address to which permit should be sent	230 Cement Road
11. City/State/Zip	Inkom, Idaho 83245-1543
12. Equipment Location Address (if different than #10)	
13. City/State/Zip	
14. Is the Equipment Portable?	Yes No
15. SIC Code(s) and NAISC Code	Primary SIC: 3241 Secondary SIC (if any): NAICS:
16. Brief Business Description and Principal Product	Portland Cement Production
17. Identify any adjacent or contiguous facility that this company owns and/or operates	Not Applicable
	PERMIT APPLICATION TYPE
18. Specify Reason for Application	 □ New Facility ☑ New Source at Existing Facility ☑ Unpermitted Existing Source ☑ Modify Existing Source: Permit No.: T1-2007.0035 □ Permit Revision □ Required by Enforcement Action: Case No.:
	CERTIFICATION
	RULES FOR THE CONTROL OF AIR POLLUTION IN IDAHO), I CERTIFY BASED ON INFORMATION AND BELIEF FORMED THE STATEMENTS AND INFORMATION IN THE DOCUMENT ARE TRUE, ACCURATE, AND COMPLETE.
19. Responsible Official's Name/Title	Ron Smith, Plant Manager
20. RESPONSIBLE OFFICIAL SIGNATU	JRE R Smith Date: 8-24-07
21. Check here to indicate you would	like to review a draft permit prior to final issuance.

PERMIT TO CONSTRUCT APPLICATION

Revision 3 03/27/07

Please	e see instructions on pa	ge 2 beta	ore tilling d	out the	torm.								
					ENTIFICAT	TION							
Comp	oany Name:		Fac	ility N	ame:			Facility ID No:					
Ash C	Grove Cement Company	,	Inko	om Fa	cility			005-00004					
Brief F	Project Description:		Increase Clinker Unloading Throughput										
		MISSION	S UNIT (F	ROCI	ESS) IDENT	IFICATION 8	& DESCR	IPTION					
1. Em	nissions Unit (EU) Name:					_CAR TO HOPP							
2. EU	ID Number:	F491	D										
3. EU	Туре:		New Source Modification t		Unpermitted E mitted Source	xisting Source Previous Perm	nit #:T1-2007	7.0035 Date Issued: May 25, 2007					
4. Ma	nufacturer:	ТОИ	Γ APPLICAB	LE									
5. Mo	del:	ТОИ	Γ APPLICAB	LE									
6. Ma	ximum Capacity:	300	TONS PER	HOUR									
7. Da	te of Construction:												
8. Da	te of Modification (if any)	AFT	ER PTC ISS	UED									
9. Is t	his a Controlled Emission Un	it? ⊠ N				following section		line 18.					
			EMIS	SIONS	CONTRO	_ EQUIPMEN	Ţ						
10. Cor	ntrol Equipment Name and ID												
11. Dat	e of Installation:				12. Date of Mo	dification (if any)	:						
13. Mar	nufacturer and Model Number	**											
,	s) of Emission Unit Controlled												
	perating schedule different the involved?	an emissior	¹ ☐ Yes		No								
16. Doe	es the manufacturer guarantee	e the contro	^{ol} ☐ Yes		No (If Yes, at	tach and label m	nanufacturer	guarantee)					
emicien	cy of the control equipment?					Pollutant Con	trolled	10444					
		PM	PM1	10	SO ₂	NOx	voc	CO					
	Control Efficiency												
17. lf m		lable, attach	n a separate	sheet c	of paper to prov	ride the control e	quipment de	esign specifications and performance data					
to supp	ort the above mentioned cont	rol efficienc	у.					-					
	EMISSI	ON UNIT	OPERAT	ING S	SCHEDULE	(hours/day,	hours/ye	ar, or other)					
18. A	ctual Operation	DEPE	NDENT ON	CEMEN	IT DEMANDS								
19. M	laximum Operation	DEPE	NDENT ON	CEMEN	IT DEMANDS								
				RE	QUESTED I	_IMITS							
	re you requesting any permit	limits?	⊠ Yes	□ N	o (If Yes, che	ck all that apply	below)						
	Operation Hour Limit(s):												
	Production Limit(s):												
	Material Usage Limit(s):												
	Limits Based on Stack Test	ing I	Please attac	h all rel	evant stack tes	ting summary re	ports						
	Other:		360,000 TOI	NS THE	ROUGHPUT PE	ER YEAR							
21. R	ationale for Requesting the Li	imit(s):	PREVIOUS '	THROL	JGHPUT PERM	MIT LIMIT WAS 5	55,000 TON	S PER YEAR					

PERMIT TO CONSTRUCT APPLICATION

Revision 3 03/27/07

Ple	ase see instructions on pag	e 2 betor	e filling out th	e torm.							
				IDENTIFICAT	ION						
Co	mpany Name:		Facility I	Vame:		Fac	ility ID No:				
As	h Grove Cement Company		Inkom F	acility		005	5-00004				
Brie	ef Project Description:		Increase	Clinker Unlo	ading Throug	hput					
		SSIONS	UNIT (PROC				ION				
1.	Emissions Unit (EU) Name:		KER UNLOADIN				90. The production of the control of the state of the sta				
2.	EU ID Number:	F49E									
3.	EU Type:		ew Source Codification to a Pe	Unpermitted Exermitted Source	xisting Source Previous Perm	nit #:T1-2007.000	35 Date Issued: May 25, 2007				
4.	Manufacturer:	ERIE	Z MAGNETICS								
5.	Model:	75B									
6.	Maximum Capacity:	300 T	ONS/HOUR								
7.	Date of Construction:										
8.	Date of Modification (if any)	AFTE	R PTC ISSUED								
9.	Is this a Controlled Emission Unit?	⊠ No	Yes If Ye	s, complete the t	following section	. If No, go to line	e 18.				
			EMISSIONS CONTROL EQUIPMENT								
10.	Control Equipment Name and ID:										
11.	Date of Installation:			12. Date of Mod	dification (if any)	:					
13.	Manufacturer and Model Number:										
14.	ID(s) of Emission Unit Controlled:										
	ls operating schedule different than s(s) involved?	emission	☐ Yes ☐] No							
16.	Does the manufacturer guarantee t	he control	☐ Yes ☐	No (If Yes, at	tach and label m	anufacturer gua	rantee)				
emo	iency of the control equipment?				Pollutant Con	trolled					
		PM	PM10	SO ₂	NOx	voc	CO				
	Control Efficiency										
	If manufacturer's data is not availab upport the above mentioned control			of paper to prov	ide the control e	quipment design	specifications and performance data				
10 3			OPERATING	CCHEDIII E	(hexwe/dex	hourehroor	ar athar				
10			DENT ON CEME	· · · · · · · · · · · · · · · · · · ·	(nours/day,	nours/year,	or other)				
	Actual Operation										
19.	Maximum Operation	DEPENI	DENT ON CEME	and the second	INSTRO						
20.	Are you requesting any permit lim	nits?	Yes □	No (If Yes, che	ck all that apply	below)	et de elle dispues deservir i de la proposición de la principal de la principal de la principal de la principal				
	☐ Operation Hour Limit(s):										
	☐ Production Limit(s):										
	☐ Material Usage Limit(s):										
	☐ Limits Based on Stack Testing) Pi	ease attach all re	elevant stack tes	ting summary re	ports					
	☑ Other:	36	60,000 TONS TH	IROUGHPUT PE	R YEAR						
21.	Rationale for Requesting the Limi	it(s): Pl	REVIOUS THRO	UGHPUT PERM	IIT LIMIT WAS 5	55,000 TONS PE	ER YEAR				

PERMIT TO CONSTRUCT APPLICATION

Revision 3 03/27/07

Plea	ase see instructions on pa	ige 2 bei	tore t	illing out th	e torm.					
					DENTIFICAT	TION				
Cor	Emissions Unit (EU) Name: EU ID Number: EU Type: Manufacturer: Model: Maximum Capacity: Date of Construction: Date of Modification (if any)			Facility N	lame:		Fa	cility ID No:		
Ash	ef Project Description: EMISSIO Emissions Unit (EU) Name: EU ID Number: EU Type: Manufacturer: Model: Maximum Capacity: Date of Construction: Date of Modification (if any) Is this a Controlled Emission Unit? Control Equipment Name and ID: Date of Installation: Manufacturer and Model Number: ID(s) of Emission Unit Controlled: Is operating schedule different than emissis(s) involved? Does the manufacturer guarantee the controllency of the control equipment? If manufacturer's data is not available, attatupport the above mentioned control efficie EMISSION UN Actual Operation DEP			Inkom Facility 005-00004						
Brie	f Project Description:			Increase	Clinker Unlo	ading Throug	hput			
	j	MISSION	NS U		The Sandy Property Control of the Control	IFICATION 8	and the second second second second	CION		
1.					NO. 2 ELEVAT					
2.	EU ID Number:	F49	9F							
3. 1	EU Type:			Source [Unpermitted E ermitted Source	xisting Source Previous Perm	it #:T1-2007.00	035 Date Issued: May 25, 2007		
4.	Manufacturer:	CC	OMPO	VENTS FROM	NUMEROUS I	MANUFACTURE	RS			
5. I	Model:	NC	T APF	PLICABLE						
6. I	Maximum Capacity:	100	NOT 0	S/HOUR				1 10 1 3000		
7.	Date of Construction:	200	06							
8. I	Date of Modification (if any)	AF	TER F	TC ISSUED						
9. 1	s this a Controlled Emission Un	it?	No I	⊠ Yes If Yes	s, complete the	following section	. If No, go to lin	e 18.		
				EMISSION	S CONTROI	L EQUIPMEN	J.			
10. C	Control Equipment Name and ID	:		Baghouse No	. 2, BH2					
11. C	ate of Installation:		12. Date of Modification (if any):							
13. N	lanufacturer and Model Number	:		Argo-BLower	Model 5984-C					
14. II	O(s) of Emission Unit Controlled	:		Clinker Silo ar	nd No. 2 Elevato	or				
15. Is	s operating schedule different th	an emissic	on I	☐ Yes 🗵] No					
16. E	oes the manufacturer guarante	e the contr	ol	☐ Yes 🗵	No (If Yes, at	tach and label m	anufacturer gua	arantee)		
Cilion	Shoy of the dentior equipment.					Pollutant Con	trolled			
		PM		PM10	SO ₂	NOx	voc	СО		
	Control Efficiency	0.014 gr/c	dscf	0.014 gr/dscf						
17. If to su	manufacturer's data is not avai pport the above mentioned cont	lable, attac rol efficien	ch a se	eparate sheet	of paper to prov	ride the control ed	quipment desig	n specifications and performance data		
	EMISSI	ON UNI	T OP	ERATING	SCHEDULE	(hours/day,	hours/year.	or other)		
18.		_			NT DEMANDS			Section 1990 March 1990		
19.	Maximum Operation	DEPE	ENDEN	NT ON CEME	NT DEMANDS					
	•			RI	QUESTED I	LIMITS				
20.	Are you requesting any permit	limits?	⊠Y			ck all that apply l	pelow)			
	☐ Operation Hour Limit(s):		Ē							
	☐ Production Limit(s):									
	☐ Material Usage Limit(s):									
	☐ Limits Based on Stack Test	ing	Pleas	se attach all re	elevant stack tes	ting summary re	oorts			
	☑ Other:		360,0	000 TONS TH	ROUGHPUT PE	ER YEAR				
21.	Rationale for Requesting the L	imit(s):	PRE	VIOUS THRO	UGHPUT PERM	MIT LIMIT WAS 5	5,000 TONS P	ER YEAR		

PERMIT TO CONSTRUCT APPLICATION

Revision 3 03/27/07

o fillin

Please see instructions on pa	age 2 be	etore i	illing out th	ne torm.						
			en e	IDENTIFICAT	TION					
Company Name:			Facility N	Name:		Faci	lity ID No:			
Ash Grove Cement Company	У		Inkom F	acility		005	-00004			
Ash Grove Cement Company Brief Project Description: Increase Clinker Unloading T					ading Throug	hput				
E	MISSIO	NS U	NIT (PROC	CESS) IDENT	IFICATION 8	descripti	ON			
1. Emissions Unit (EU) Name:	N	IO. 2 EL	EVATOR TO	CLINKER BELT	NO. 2					
2. EU ID Number:	F4	49G	•				THE STATE OF THE S			
3. EU Type:	company Name: sh Grove Cement Company rief Project Description: EMISSIO Emissions Unit (EU) Name: EU ID Number: EU Type: Manufacturer: Model: Maximum Capacity: Date of Construction: Date of Modification (if any) Is this a Controlled Emission Unit? Control Equipment Name and ID: Date of Installation: Manufacturer and Model Number: ID(s) of Emission Unit Controlled: Is operating schedule different than emissits(s) involved? Does the manufacturer guarantee the conticiency of the control equipment? PM Control Efficiency Control Efficiency Dep Maximum Operation DEP Are you requesting any permit limits? Operation Hour Limit(s): Material Usage Limit(s): Material Usage Limit(s): Material Usage Limit(s): Material Usage Limit(s):		New Source							
4. Manufacturer:	C	OMPO	NENTS FROM	M NUMEROUS N	MANUFACTURE	RS				
5. Model:	OT API	PLICABLE								
6. Maximum Capacity:	10	00 TON) TONS/HOUR							
7. Date of Construction:	Al	FTER F	TER PTC ISSUED							
8. Date of Modification (if any)										
9. Is this a Controlled Emission Ur	nit?] No	⊠ Yes If Ye	s, complete the	following section.	. If No, go to line	18.			
			EMISSION	IS CONTROL	EQUIPMEN	T Probability				
10. Control Equipment Name and ID);		Baghouse No. 2, BH2							
11. Date of Installation:				12. Date of Mod	dification (if any):	:				
13. Manufacturer and Model Numbe		Argo-BLower	Model 5984-C							
. ,			Clinker Silo a	nd No. 2 Elevato	r					
	nan emissi	ion	Li res Zi No							
16. Does the manufacturer guarante	e the conf	trol	☐ Yes 🗵	No (If Yes, at	tach and label m	anufacturer guar	antee)			
cindicately of the control equipment.		1.			Pollutant Cont	trolled				
	PM		PM10	SO ₂	NOx	VOC	СО			
Control Efficiency	0.014 gr/	/dscf	0.014 gr/dscf							
			eparate sheet	of paper to prov	ide the control ed	quipment design	specifications and performance data			
			EBATING	SCHEDULE	(hours/day	hours/vear.	or other)			
18. Actual Operation				NT DEMANDS	(mountainly)					
	DEP	PENDE	NT ON CEME	NT DEMANDS						
			and the state of the state of the	QUESTED L	.IMITS					
	limits?	⊠Y			ck all that apply b	pelow)				
Operation Hour Limit(s):										
☐ Material Usage Limit(s):			W. W. C. C.							
Limits Based on Stack Test	ing	Pleas	se attach all re	elevant stack tes	ting summary rep	oorts				
☑ Other:		360,0	000 TONS TH	ROUGHPUT PE	R YEAR					
21. Rationale for Requesting the L	imit(s):	PRE	VIOUS CLINK	ER UNLOADING	G OPERATIONS	LIMITED TO 55	,000 TONS PER YEAR			

PERMIT TO CONSTRUCT APPLICATION

Revision 3 03/27/07

ra fillini

Ple	ase see instructions on pag	e z petor	e miing ou	ιτ τη <i>e τ</i> orm.							
				IDENTIFIC	ATION						
Со	mpany Name:		Facil	lity Name:			Facilit	y ID No:			
Ash Grove Cement Company Brief Project Description: EMISSIONS UNIT (PR				Inkom Facility 005-00004							
Brie	ef Project Description:		Incre	ase Clinker U	nloading Th	roughp	ut				
	EM	ISSIONS	UNIT (PF	ROCESS) IDE	NTIFICATION	ON & D	ESCRIPTIO	N			
1.	Emissions Unit (EU) Name:	CLIN	KER BELT N	O. 2 TO CLINKE	R STACKING	BELT					
2.	EU ID Number:	F49H									
3.	EMISSION U Froject Description: EMISSIC Emissions Unit (EU) Name: EU ID Number: EU Type: Manufacturer: Model: Maximum Capacity: Date of Construction: Date of Modification (if any) Is this a Controlled Emission Unit? Control Equipment Name and ID: Date of Installation: Manufacturer and Model Number: D(s) of Emission Unit Controlled: s operating schedule different than emis (s) involved? Does the manufacturer guarantee the colency of the control equipment? Find Tananarate (and the provided of the control equipment) EMISSION U Actual Operation		New Source ☐ Unpermitted Existing Source Modification to a Permitted Source Previous Permit #: Date Issued:								
4.	Manufacturer:	СОМІ	PONENTS F	ROM NUMEROL	IS MANUFAC	TURERS					
5.	Model:	NOT .	APPLICABL	E							
6.	Maximum Capacity:	100 T	ONS/HOUR					400			
7.	Date of Construction:	AFTE	R PTC ISSU	JED							
8.	Date of Modification (if any)										
9.	Is this a Controlled Emission Unit?	No		If Yes, complete t			No, go to line 18	3.			
				IONS CONTR	OL EQUIP	MENT		and 1915年10日 中国国际政策的 [1975]			
-			Baghouse No. 2, BH2								
					Modification (in	f any):					
-			 _	ower Model 5984-							
	· /		Clinker S	Silo and No. 2 Elev	ator						
unite	s(s) involved?		Yes	⊠ No							
16. I	Does the manufacturer guarantee iency of the control equipment?	the control	☐ Yes	⊠ No (If Yes	, attach and la	bel manı	ufacturer guarar	ntee)			
0,110	series of the definition oggistment.				Pollutan	t Control	led				
		РМ	PM10	SO₂	NOx		VOC	со			
	Control Efficiency 0	.014 gr/dsc	f 0.014 gr/	'dscf							
17. I	f manufacturer's data is not availal	ole, attach :	a separate s	heet of paper to p	rovide the cor	itrol equip	oment design sp	pecifications and performance data			
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	NG SCHEDU	LE (hours/e	dav. ho	ours/vear. or	· other)			
18.				EMENT DEMAND				and the state of			
19.	•			EMENT DEMAND							
				REQUESTE	er kroudista ga ga rosana a sur kroko da da.						
20.	Are you requesting any permit lin	nits?	☑ Yes	*	check all that a	apply belo	ow)				
	Operation Hour Limit(s):										
	☐ Production Limit(s):										
	☐ Material Usage Limit(s):										
	☐ Limits Based on Stack Testing	g Pi	lease attach	all relevant stack	testing summa	ary repor	ts				
	☑ Other:	36	50,000 TON	S THROUGHPUT	PER YEAR						
21.	Rationale for Requesting the Lim	it(s): P	REVIOUS C	LINKER UNLOAD	ING OPERAT	TIONS LI	MITED TO 55,0	00 TONS PER YEAR			



Total

DEQ AIR QUALITY PROGRAM 1410 N. Hilton, Boise, ID 83706 For assistance, call the

0.61

2.69

PERMIT TO CONSTRUCT APPLICATION

4/5/2007 Air Permit Hotline - 1-877-5PERMIT Please see instructions on page 2 before filling out the form. Company Name: Ash Grove Cement Company Facility Name: Inkom Facility Facility ID No .: 005-00004 Increase Clinker Unloading Throughput Brief Project Description: SUMMARY OF FACILITY WIDE EMISSION RATES FOR CRITERIA POLLUTANTS - POINT SOURCES 1. 2. SO₂ PM₁₀ NO_X CO VOC Lead **Emissions units** Stack ID lb/hr T/yr lb/hr T/yr lb/hr T/yr lb/hr T/yr lb/hr T/yr lb/hr T/yr Point Source(s) Baghouse #2 BH2 0.61 2.69



DEC AIR QUALITY PROGRAM

DEPMIT TO CONSTRUCT APPLICATIONS

	DEQ AIR QUALIT			PERMIT TO CONSTRUCT APPLICATION										
	1410 N. Hilton, Bo	ise, ID 83706			Revision 2									
	For assistance, ca												4/5/2007	
	Air Permit Hotlin	e - 1-8//-5PEI				- 0								
Company Name:	Ash Grove Cemer	at Compony	Pi	ease see instr	uctions on pag	e 2 betore tillin	g out the form.							
Facility Name:		п Сотпрану					nkom Facility							
Facility ID No.:							005-00004							
Brief Project Description:		Inloading Thro	uabout				005-00004							
Bhei Fioject Description.	SIIMM			E EMISSIO	N PATES E	OP CRITER	IA POLLUT	ANTS - EUG	ITIVE SOUF	CES				
1.	2.		CILITY WID	L LIVIIOSIO	THAILST	on Chilen		3.	ITIVE SOUP	CES		L	وه فالمسيرين	
		PI	VI ₁₀	<u> </u>	O_2	l N	Ox		0	V/	oc	1 7	ead	
Fugitive Source Name	Fugitive ID	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr		
	. agains in	10/111	1/91	ID/III	Fugitive S	Ource(c)	1/yi	ID/III	1/yr	ID/III	I /yr	ID/nr	T/yr	
					T ugitive S	oui ce(s)							grading (1918)	
												<u> </u>		
	1													
									 			-	+	
												 		
												 	1	
D-B-d	F 40 1		2.22									 		
Bellydump to hopper	F49d	0.01	0.02											
Hopper to Conveyor	F49e	0.11	0.20]		
Conveyor 1 to Elevator	F49f	0.01	0.01											
Elevator to conveyor 2	F49g	0.01	0.01											
Conveyor 2 to stacker belt	F49h	0.01	0.01											
Stacker belt to stacker	F63	0.01	0.01											
Stacker to clinker pile	F64	0.01	0.01						***************************************				<u> </u>	
	1. *.		0.01						 			 		
							ļ					ļ		
												 	<u> </u>	
											 	<u> </u>		
	1													
Total		0.16	0.27											
		0.10	0.27					I					1	



Total

DEQ AIR QUALITY PROGRAM

PERMIT TO CONSTRUCT APPLICATION

1410 N. Hilton, Boise, ID 83706 For assistance, call the 4/5/2007 Air Permit Hotline - 1-877-5PERMIT Please see instructions on page 2 before filling out the form. Company Name: Ash Grove Cement Company Facility Name: Inkom Facility Facility ID No .: 005-00004 Brief Project Description: Increase Clinker Unloading Throughput SUMMARY OF EMISSIONS INCREASE (PROPOSED PTE - PREVIOUSLY MODELED PTE) - POINT SOURCES 1. 2. NO_X PM₁₀ SO₂ CO voc Lead **Emissions units** Stack ID lb/hr T/yr lb/hr T/yr lb/hr T/yr lb/hr T/yr lb/hr T/yr lb/hr T/yr Point Source(s) BH2 Baghouse #2 0.00 2.52

2.52



PERMIT TO CONSTRUCT APPLICATION

evision 3 4/5/2007

	Air Permit Hotline - 1-877-5PERMIT												4/5/2007
			Pl	ease see instr	ructions on pag	e 2 before fillin	g out the form.						
Company Name:	Ash Grove Cement Company												
Facility Name:	Inkom Facility												
Facility ID No.:	005-00004 Increase Clinker Unloading Throughput												
Brief Project Description.	SUMMARY	OF EMISSIO	ONS INCRE	ASE (PRO	POSED PTE	- PREVIOL	SLY MODE	ED PTE) -	FLIGITIVE S	OURCES			: \$
								3.					
1.	2.	Air Pollutant Maximum Change in Emissions Rate (lbs/hr or t/yr)											
		PM	1 ₁₀	S	O ₂	N	O _x	С	0	voc		Lead	
Fugitive Source Name	Fugitive ID	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
					Fugitive S	ource(s)							1775 1772
												,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	****
	1												
Bellydump to hopper	F49d	0.00	0.02										
Hopper to Conveyor 1	F49e	0.00	0.17										
Conveyor 1 to Elevator	F49f	(0.10)	(0.02)										
Elevator to conveyor 2	F49g	0.01	0.01										
Conveyor 2 to stacker belt	F49h	0.01	0.01										
Stacker belt to stacker	F63	0.00	0.00										
Stacker to clinker pile	F64	0.00	0.00										
													·
Total		(0.08)	0.19										



PERMIT TO CONSTRUCT APPLICATION

Revision 3 03/26/07

Please see instructions on page 2 before filling out the form.

	DENTIFICATION	٧							
Company Name:	Facility Name:	Facility ID No:							
Ash Grove Cement Company	Inkom Facility	005-00004							
Brief Project Description: Increase Clinker Unloading Throughput									
APPLICABILITY DETERMINATION									
1. Will this project be subject to 1990 CAA Section 112(g)?		⊠ NO	☐ YES	**					
(Case-by-Case MACT)		* If YES, applicant must submit an application for a case-by- case MACT determination [IAC 567 22-1(3)"b" (8)]							
Will this project be subject to a New Source Performance Stance (40 CFR part 60)	dard?	□NO	⊠ YES	YES*					
(40 Gillipart 60)		*If YES, please identify	sub-part: <u>F</u>						
3. Will this project be subject to a MACT (Maximum Achievable Coregulation? (40 CFR part 63)	ontrol <u>T</u> echnology)	⊠ NO	*						
THIS ONLY APPLIES IF THE PROJECT EMITS A HAZARDOUS AIR POLLUT	ANT	*If YES, please identify sub-part:							
Will this project be subject to a NESHAP (National Emission Statement Hazardous Air Pollutants) regulation?	andards for	⊠ NO	☐ YES	☐ YES*					
(40 CFR part 61)		*If YES, please identify	-						
5. Will this project be subject to PSD (Prevention of Significant De (40 CFR section 52.21)	eterioration)?	⊠ NO	☐ YES						
Was netting done for this project to avoid PSD?		⊠ NO □		ES*					
of the nearly deficient the project to around to		*If YES, please attach netting calculations							
IF YOU ARE UNSURE HOW TO ANSWER ANY OF THESE QUESTIONS, CALL THE AIR PERMIT HOTLINE AT 1-877-5PERMIT									